1665 Sequences_ST25
SEQUENCE LISTING

<110> Tets, Viktor Veniaminovich
       Genkin, Dmitry Dmitrievich

<120> Method for treating oncological, virulent and somatic diseases,
       method for controlling treatment efficiency, pharmaceutical
       agents and composition for carrying out said treatment

<130> 1665 Sequence

<140> 10/564,615
<141> 2006-01-12

<160> 155

<170> PatentIn version 3.4

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ttaaggtcaa tggcagaaaa ggaaatatct tcgtttcaaa actagacaga atcattccca    180

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ttatgttcta ggaaattcaa acaagtattt tttcaggcag gtagtatgaa atagcaggaa     180

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cctggaggnc tgggagggaa aaataatccc tgaaccagga caagggccct atccctattt     180

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ggctgattga tcttctatgg ggagagcttc atagcacggg ggtggggcac acctgactgg     240

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gaatggaatg gaatcaactg gaaaggaatc aaatagaacg gaatggaata gaatggaatg   180

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aattgaatgg aatcgtcatc gaatgaattg aat                                   213
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aattttgttt tttatatgtt gaatttgaaa tccttattaa acatccaagt ggagaggctg      180

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gtaccttct atttttagttt gctgagtgtc ttttagtcat aattgagtgt tgacatctgt      180

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aatcgaatgt aatcatcatc aaatggaatc aaaaataaac atcatcaatt ggtattgaat   180

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catattcctc atcttgcata gtcaccattt tt   152

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tctacactca ctttaccctt agagccctct acaatcaacc ctgt                      164
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<220>
<221> misc_feature
<222> (36)..(36)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (40)..(40)
<223> n is a, c, g, or t

<400> 48
gaattcaaag actgtnagat gtaagcagtg actganacan aggcaatgag atgagaggtg   60

gaaaggagac caaatgtaaa agacagcaga aacttgagtg gacggtggca ca   112

<210> 49
<211> 114
<212> DNA
<213> Homo Sapien

<220>
<221> misc_feature
<222> (52)..(52)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (57)..(57)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (61)..(61)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (74)..(74)
<223> n is a, c, g, or t

<400> 49
gaattctgtt ggctttacct ttaacgtgtc caaaagtgac caattatcat tnctgcnttt   60

ngctgctact tggntcaagc cattagtatc ccttgctcca ataaactctt tcct   114

<210> 50
<211> 206
<212> DNA
<213> Homo Sapien

<400> 50
gaattcccag taacttcctt gtgttgtgtg tgttcaactc acagagttga actttcattt   60

acacagagca gatttgaaac actcttttg tggaatttgc aaatggagaa ttcctgcagc   120

ccgggggatc cactagttct agagcggccg ccaccgcggt ggagctccag cttttgttcc   180

ctttagcgag ggttaattgc gcgctt   206

<210> 51
<211> 169
<212> DNA
<213> Homo Sapien

<400> 51
cccccctcg aggtcgacgg tatcgataag ctggatatcg caacttctc gctctgtcct   60

cacataggga aagaggaagc tgttgccttc ctcttacaag agcactaatc tcacatgggt   120

gtttaccctc atgactttat ctaaacctaa ttatctttca aagaatcta   169

<210> 52
<211> 141
<212> DNA
<213> Homo Sapien

<400> 52
gaattcttgt tttcagtgaa aatttagata atttatctca ggaattcctg cagcccgggg   60

tttccactag ttctagagcg gccgccaccg cggtggagct ccagcttttg ttccctttag   120

ttagggttaa ttcgcgcttg c   141

<210> 53
<211> 203
<212> DNA
<213> Homo Sapien

<400> 53
gaattctata tatttcccct cttttcctga ctcttcagtg acaatcctaa gaccgtgcta   60

ataacagaag acagtaatcc cttttttttag ccaaataatt tggaagccat gattttcttt   120

gcatatcatg aaagtgacca tggtgttgga tattgtgggt agaagctttc aagtaaaaaa   180

gaactgtcat tcaactgaat tgg   203

<210> 54
<211> 162
<212> DNA
<213> Homo Sapien

<400> 54
gaattctagg ccaggcgcga tggttcacac ctgtaatccc agcattttcc cgggaagcca   60

aggcaggcag atcacttgag gccaagagtt caagaccaac ctggccaaag gggtgaaatc   120

catctctact aaaaatacaa aaattagtcg ggcgcggcgg cg   162

<210> 55

<211> 193
<212> DNA
<213> Homo Sapien

<400> 55
gaattctatt tctaggaacg ttctcaaaca agcttaagag caaagtataa aaacgatgtt   60

cagcatataa taatatgaaa aaattttgtc ctagacattt tatatgaaaa tgtatacttt   120

agagcatgct tcaggaaaaa aagaaagaaa aattaatcct gggaaatggg tgacattaga   180

tacaggcgag tgg   193

<210> 56
<211> 169
<212> DNA
<213> Homo Sapien

<400> 56
gaattctgct tttatgagaa gtcagctgaa tgctatggaa aggagtatag agagtggctt   60

aaaagtttca ggcaagttca caccaaaact tgcattctaa cctccctgaa cctgtggtct   120

agaagggacc tatcagcaag atgataacca aaaatgtcta gaatctgag   169

<210> 57
<211> 141
<212> DNA
<213> Homo Sapien

<400> 57
gaattctaga gaacaatccc tactgacttc acacacaact taagaaatgc aagtaaaggg   60

ccgggcgcgg tggcccagca cctgtaatcc cagtactttg ggagcctaga ggcaggtggt   120

cattggaagt caggagttca a   141

<210> 58
<211> 183
<212> DNA
<213> Homo Sapien

<400> 58
gaattctctg atgtttagtt aggtatgacc tacagttaaa ggctttgctg cattccttac   60

gtttgtaggg tttctctccg gtatgactac ttcgatgtcg agtaacggac gttgaattac   120

gataaaaggc tttgccacat tctttgcatt tatagggttt ttctccagta tgaattccag   180

cag   183

<210> 59
<211> 185
<212> DNA
<213> Homo Sapien

<400> 59
gaattctatc aatgtcaatt aaatccagtt gatggatggc cataatttta aatctattta   60

catttttggggg tattttttaa aataaaatct gtgattatct atcttttaat gaatgcctta   120

gatcattcac attaaagtga ttgttgttgt agttgtgttc atgtatacca tacttataac   180

tgttt   185


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<210>  60
<211>  163
<212>  DNA
<213>  Homo Sapien

<400>  60
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gaattctact aaaactttag aaaagaaatt aacaccaatt ctcaaactat ttcagaaaat   60

tgaaaaggag aagcctctcc caactaattc tatgaatcca gcattacccc ttaccaaaac   120

cagacaaaga tgaaacaaaa taataagaag aaggaactct ggg   163


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<210>  61
<211>  103
<212>  DNA
<213>  Homo Sapien

<220>
<221>  misc_feature
<222>  (63)..(63)
<223>  n is a, c, g, or t

<400>  61
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attttccctg ctgggtgtgt ccagagatcc tttctggcta gtctgctagc actgcatgtg   60

tcnaccagca tctcaacctc acactagctg caacacttgg cca   103


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<210>  62
<211>  144
<212>  DNA
<213>  Homo Sapien

<220>
<221>  misc_feature
<222>  (60)..(60)
<223>  n is a, c, g, or t

<400>  62
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cctctccaaa aagaaaatct ctgccattct atgtacactg gctgcatgaa gatgtatgtn   60

tatgaattag cctgcatgtc tgggtcccac cctgcacatg ctaacattcc tttccctccc   120

catacgagtc caaaaaaact atgc   144


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<210>  63
<211>  173
<212>  DNA
<213>  Homo Sapien

<400>  63
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tcagtcttca ggtgatattg aaatggaggc tgtaaggttt taataataca ggtttcaaaa   60

ccaggcagca acacatacta gccatgtaaa acttgagcta ccccaacccg cctggttgtt   120

gcttagtcct tctttgaaaa ttaaaattct gttctctgga aatagtattt agg   173

<210> 64
<211> 150
<212> DNA
<213> Homo Sapien

<400> 64
ttacaacctt tatgagattg gtgccattat caccattttc agacatgaaa aatacagcac   60

acacagttta agtaatatgc tgaattcctg cagcccgggg gatccactag ttctagagcg   120

gccgccaccg cggtggagct ccagcttttg   150

<210> 65
<211> 159
<212> DNA
<213> Homo Sapien

<400> 65
ccagtaactt ccttgtgttg tgtacattca actcacagag ttgaacgttc ccttagacag   60

agcagatttg aaacactctt tttgtgcaat tggcaagtgg agatttcaag cgctttaagg   120

tcaatggcag aaaaggaaat atcttcgttt caaaactag   159

<210> 66
<211> 73
<212> DNA
<213> Homo Sapien

<220>
<221> misc_feature
<222> (26)..(26)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (64)..(64)
<223> n is a, c, g, or t

<400> 66
tcccaatcct tcctgtgact caagcntctg ctcattaggt atcctaggac aatattatgc   60

tgtntctatc aga   73

<210> 67
<211> 87
<212> DNA
<213> Homo Sapien

<400> 67
agccagagcc aagctctctc actctgcaga gaagcctcag tctttagaag acagttcagc   60

tttatccaga attcctgcag ccggggg   87

<210> 68
<211> 110
<212> DNA
<213> Homo Sapien

<220>
<221> misc_feature
<222> (104)..(104)
<223> n is a, c, g, or t

<400> 68
tatgatcaac aaatatatct tacaacatga gggtgcaata agatgagaaa ggttcgagag   60

tgtttatctt tagcaaatac atactatcgc gctcaaggta agtnttcaag   110

<210> 69
<211> 111
<212> DNA
<213> Homo Sapien

<220>
<221> misc_feature
<222> (46)..(46)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (50)..(50)
<223> n is a, c, g, or t

<400> 69
tattgtgccc agagataatt gtcctgcagt cagagcattc tatgtntttn tctgtcgttg   60

attaatcaag agggtttcag gcttccctgt aggaaaatgt ctaaagcata a   111

<210> 70
<211> 138
<212> DNA
<213> Homo Sapien

<220>
<221> misc_feature
<222> (80)..(80)
<223> n is a, c, g, or t

<400> 70
attcatttat accctcattt attcatccaa cagccattca ataagcgtct gtgttcagcc   60

atgctctgac actgattgan ttcctgcagc cggggggatcc actagttcta gagcggccgc   120

accgaggtgg acgtcagc   138

<210> 71
<211> 144
<212> DNA

<213> Homo Sapien

<400> 71

caggttgatg aagaaacgga tattagtgca atgaagaaca gctccgtctc tgtcagctgg   60

tcatttttta tatgtcagag actgtcgaat ttctattgcg tttcaactaa ttacctcagt   120

ttgttaaaac tgaatatgaa ttcc   144

<210> 72
<211> 113
<212> DNA
<213> Homo Sapien

<220>
<221> misc_feature
<222> (1)..(1)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (24)..(24)
<223> n is a, c, g, or t

<400> 72
ntctatctag ttttatatga aganatcacg tatcacacga tggacccaaa gaggtccaaa   60

tatccacttg cagttctaca aaaagagtgt ttcacaacag cactatcaag agg   113

<210> 73
<211> 97
<212> DNA
<213> Homo Sapien

<400> 73
tacattcttt ttcttaacta tccaccacct cccctcaaaa ttttaacagc atccagcctc   60

acaaaactca gatcttccct gtgtacagtt ccacttt   97

<210> 74
<211> 143
<212> DNA
<213> Homo Sapien

<400> 74
gacaattcca ttcaatacca attgatgatg tttatttttg attccatttg atgatgatta   60

cattcgattc catttcatca tgattccatt cgattccact cgatgattcc attcgattcc   120

attcaatgat tattccactt gag   143

<210> 75
<211> 98
<212> DNA
<213> Homo Sapien

<220>

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<221>  misc_feature
<222>  (30)..(30)
<223>  n is a, c, g, or t

<220>
<221>  misc_feature
<222>  (42)..(42)
<223>  n is a, c, g, or t

<220>
<221>  misc_feature
<222>  (78)..(78)
<223>  n is a, c, g, or t

<400>  75
aaatgataat atagtcaatt caggaaagan aatcatccta anatttcgta ttatgattag      60

aagtgtaatt tcgctganat agaaaatttc tcattatt                              98


<210>  76
<211>  88
<212>  DNA
<213>  Homo Sapien

<400>  76
agctgacatt gtaatttaat aaagctaagg ataaaacttc tgggtttttt gtttattgag      60

cccgctgact agaagagata agagatgg                                         88


<210>  77
<211>  101
<212>  DNA
<213>  Homo Sapien


<220>
<221>  misc_feature
<222>  (23)..(23)
<223>  n is a, c, g, or t

<220>
<221>  misc_feature
<222>  (55)..(55)
<223>  n is a, c, g, or t

<400>  77
ctctggttgt tgtcaggttt ttnattatta gattccagaa ttcctgcagc ccggnggatc      60

cactagttct agagcggccg ccaccgcggt ggagctccag c          .               101


<210>  78
<211>  109
<212>  DNA
<213>  Homo Sapien

<400>  78
aaggttacag tgagctatga tccaccactg cactccagca tgggcaacaa agcgagaccc      60

agtatttaga tttatttgtt aatagccagg catattggta catgcgtgt                 109
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<210> 79
<211> 121
<212> DNA
<213> Homo Sapien

<220>
<221> misc_feature
<222> (61)..(61)
<223> n is a, c, g, or t

<400> 79
ctatatcaca tactttattg tcttgtacag tttgctttgt ttcatgtgtg gataccctga   60

nttcctgcag cccggggggat ccactagttc tagagcggcc gccaccgcgg tggagctcca   120

g   121

<210> 80
<211> 144
<212> DNA
<213> Homo Sapien

<220>
<221> misc_feature
<222> (106)..(106)
<223> n is a, c, g, or t

<400> 80
ctatgagtgg cctccaagga gcattagatt agaaggtggc tggagggtgg atattttcat   60

acacagagac aaagctcccc atcccacaac agatccagag tctgtnttgg accacaggga   120

aggaaggccc ttctccagga ttct   144

<210> 81
<211> 160
<212> DNA
<213> Homo Sapien

<400> 81
ttaggagagg tcagagtggg ctggagcagc caggtgagcc tttgttgtgt aggcaggagg   60

aagaagcagt ggattttgag ttgaggacgg aatttgagag ggggagggaa aaggaaggga   120

atccgcagag gcagagctga ctgcactcgt gagggagggg   160

<210> 82
<211> 164
<212> DNA
<213> Homo Sapien

<400> 82
atacaaattg cagactgcag cgttctgaga aacatctttg tgatgtttgt attcaggaca   60

gagagttgaa cattccctat catagagcag gttggaatca ctccttttgt agtatctgga   120

agtggacatt tggagcgctt tcaggcctat gttggaaaag gaaa   164

<210> 83
<211> 164
<212> DNA
<213> Homo Sapien

<400> 83
ttgtggttct agattttatg gtctcttttt tattttcat ttttgagac caagtttcac   60

tcttgttgcc cggctggagt gcagtgacgc gatcttggct caccgcaacc tctgcctcca   120

ggattcaagc gattcgcctg cctcagcctt actgagtagc tccc   164

<210> 84
<211> 141
<212> DNA
<213> Homo Sapien

<220>
<221> misc_feature
<222> (67)..(67)
<223> n is a, c, g, or t

<400> 84
tagttccagc tataccactt tctagccttc ttgattttgc tgaactgaga gtcagaagag   60

atatgtntct aggttatttc caatcattat gccatctcgg aagtggcagg ggtgctatac   120

tagactgaga caaataccccc a   141

<210> 85
<211> 72
<212> DNA
<213> Homo Sapien

<220>
<221> misc_feature
<222> (26)..(26)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (42)..(42)
<223> n is a, c, g, or t

<400> 85
cttctaaaat tctatggtag tatganaggc tacacaaaag tntttggacc tgatacaaat   60

attataaatg at   72

<210> 86
<211> 135
<212> DNA
<213> Homo Sapien

<400> 86
tcataaaata accattaata tttcactttc gttttttatc ctaacctttt tctaacacat   60

aaacatattc attgggaggt cgaggcgggc ggatcacgag gtaggagatc gacgaccatc   120

cggtaaaagg tgaaa   135

<210> 87
<211> 107
<212> DNA
<213> Homo Sapien

<400> 87
cagccccaag aatgtctgga gcccgagtat catctggcag ccaccctcgg agaaggggggg   60

gatccactag ttctagagcg gccgcaccgc ggtggagctc agctttt   107

<210> 88
<211> 109
<212> DNA
<213> Homo Sapien

<400> 88
ccatgtggaa gcacagctat aaggctcttt ctatgaacca gaaagcaggc tttctctaaa   60

caccgaatct gccaatgcct tgatcttgga tttcccagat tccgaacta   109

<210> 89
<211> 112
<212> DNA
<213> Homo Sapien

<400> 89
cagggactta atcaacgcaa gcttatgacc cgcacttact gggaattcct cgttcatggg   60

gaataattgc aatccccgat ccccatcacg aatggggttc aacgggttac cc   112

<210> 90
<211> 125
<212> DNA
<213> Homo Sapien

<400> 90
acctgtaatc ccaactactc tggaggctga ggcaggagaa tggcatgaac ccgggaggtg   60

gaggatgcag tgagccaaga ttgtgccact gaactctagc ccaggcaaag gtgagagact   120

tgatc   125

<210> 91
<211> 130
<212> DNA
<213> Homo Sapien

<220>
<221> misc_feature
<222> (20)..(20)
<223> n is a, c, g, or t

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<220>
<221>  misc_feature
<222>  (56)..(56)
<223>  n is a, c, g, or t

<220>
<221>  misc_feature
<222>  (58)..(60)
<223>  n is a, c, g, or t

<220>
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<223>  n is a, c, g, or t

<220>
<221>  misc_feature
<222>  (78)..(78)
<223>  n is a, c, g, or t

<220>
<221>  misc_feature
<222>  (100)..(100)
<223>  n is a, c, g, or t

<400>  91
cacttaagat tgtatctttn actctatgag ttatttctca ataaaaagta aaattnannn      60

tactaataat taganatnat cttctctaga atgagcattn aatgagtcag ctagagaggc     120

gacttaactg                                                            130


<210>  92
<211>  104
<212>  DNA
<213>  Homo Sapien


<220>
<221>  misc_feature
<222>  (81)..(81)
<223>  n is a, c, g, or t

<220>
<221>  misc_feature
<222>  (87)..(87)
<223>  n is a, c, g, or t

<400>  92
cagcccttac attgtgtctg tgacccagtg ttaaatgaga cccaggtcaa gagacaactc      60

tttggctggt ctaggatatt ntataanata gatctatcac tctg                     104


<210>  93
<211>  122
<212>  DNA
<213>  Homo Sapien

<400>  93
cgtcagctca gcagcctgac aatttgaact cagtagtatc acattgccac atggctatgt      60
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tcaggggtta atacttctta gcaaagaaat agagaccaat ctctgtgatc actttaaact     120

tt                                                                    122
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<210>  94
<211>  76
<212>  DNA
<213>  Homo Sapien


<220>
<221>  misc_feature
<222>  (50)..(51)
<223>  n is a, c, g, or t

<400>  94
cacatggatg gggaggcctt ccaatcatgg cagaaggcaa aggagaaagn nagcacatct      60

tacaggcagc aggcaa                                                       76
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<210>  95
<211>  109
<212>  DNA
<213>  Homo Sapien


<220>
<221>  misc_feature
<222>  (24)..(24)
<223>  n is a, c, g, or t

<220>
<221>  misc_feature
<222>  (26)..(26)
<223>  n is a, c, g, or t

<220>
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<222>  (28)..(28)
<223>  n is a, c, g, or t

<220>
<221>  misc_feature
<222>  (60)..(60)
<223>  n is a, c, g, or t

<220>
<221>  misc_feature
<222>  (68)..(68)
<223>  n is a, c, g, or t

<220>
<221>  misc_feature
<222>  (78)..(78)
<223>  n is a, c, g, or t

<220>
<221>  misc_feature
<222>  (100)..(101)
<223>  n is a, c, g, or t
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<400> 95

cagccccagc atggcaggaa tatntntngc attgggttct ttggaggagg aaagtacgtn   60

ctcagagnag gcaatttntc gccgctggtt taaggctttn natgaccga   109

<210> 96
<211> 148
<212> DNA
<213> Homo Sapien

<220>
<221> misc_feature
<222> (22)..(22)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (83)..(84)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (86)..(86)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (88)..(88)
<223> n is a, c, g, or t

<400> 96

cagccccgaa ttatgtatta anagttatcc tcaccaagaa agacaaggtt tctgtagttc   60

tctaacatca tatccctata tanntntnac tgtgcagtat ccagacaatg acactccttc   120

agagagaatt ctatggccac atctctaa   148

<210> 97
<211> 122
<212> DNA
<213> Homo Sapien

<220>
<221> misc_feature
<222> (41)..(42)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (48)..(51)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (54)..(54)
<223> n is a, c, g, or t

<220>
<221> misc_feature

<222> (110)..(110)
<223> n is a, c, g, or t

<400> 97
taaaactttg ttataagaga tggaagggtt taaatatata nntctaannn nttntagttt   60

aaagaattcc aaacttaaac atcttcagta gacttgacat tgtatttcgn atatcctatg   120

tc   122

<210> 98
<211> 88
<212> DNA
<213> Homo Sapien

<220>
<221> misc_feature
<222> (38)..(46)
<223> n is a, c, g, or t

<400> 98
ctttaaattt ataaactcca aggcagtaca agtctggnnn nnnnnnagct acccaatatc   60

tgataaatat gaatacctaa taatagac   88

<210> 99
<211> 105
<212> DNA
<213> Homo Sapien

<400> 99
tcctaaaact ctccctcacc agcatcccaa tttaaagcct tggtccttgc tcctccctct   60

aggggatcc actagttcta gagcggccgc caccgcggtg gagct   105

<210> 100
<211> 86
<212> DNA
<213> Homo Sapien

<220>
<221> misc_feature
<222> (22)..(25)
<223> n is a, c, g, or t

<220>
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<222> (27)..(27)
<223> n is a, c, g, or t

<220>
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gctcgtcacc aggctggaat actgtggtgg gatctcagct cactgcacct ccacctcctg   120

ggttccagca attgttctgc ctcagcctgg gggatccact agttctagag cgg   173

<210> 103
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<212> DNA
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<400> 103
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agcagctgtg caaccatgcc tcaggcctga ggaacagctc gcaggccact ctgtctggta   120

ataccccagg ccggccaagc aatagatctg catcccaggg ggatccacta gttctagagc   180

ggccgccacc g   191

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ataggtagat tcanaaatgt actgattggc acttccttga ccgagttatt aactaaagac   120

ctggaatcaa tagaaaggaa tgtctgggtt aaggtaaggg ctatggggga tccactagtt   180

ctagacggcc g   191

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aacatattca cttgggaggc cgaggcgggc ggatcacgag gtcaggagat c   111

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nctacaggnt atnanaaggc caccacagtc atttnttccc ttct   104

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gttaatca                                                              68


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tctgttctca ggctgctaat aaagacatac ccaaggctgc gtacttt                   107


<210>  112
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atcaacaggt taagtgtgga ttcatccaca ccctcagacc cgtgaccgta g              111


<210>  113
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<400>  113
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gatttgaatt tgcttatccc tatgtaattc aacttaaga cctaagacca aaagggaatc     120

c                                                                     121
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<210> 114
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<400> 114
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atgatattct agagaatatc cctagaatca ttcctaggta ctc   103

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accaacagat agtttctcat cgaaga   86

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aaccagcatg aggnttgtnt ctgcttgatt ttnaaccatc ctttcctgtc tgtacacagg   120

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gccaggtacc cggnttctnt ngcagtgcta actgt   95

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<223> n is a, c, g, or t

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ggagagatag tnggaatntc tagttnttgg agcagtcaga acacacata   109

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<212> DNA
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<210> 120
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tagttctaga gcggccgcca ccg   83

<210> 121
<211> 177
<212> DNA
<213> Homo Sapien

<400> 121
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gcatgaggat tgtgtctgct tgattttaaa ccatccttta atgtctgtac acaggaaatg   120

ttatcaacaa gagatgattc ttggggggatc cactaggttc tagagcggcc gccaccg   177

<210> 122
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<223> n is a, c, g, or t

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gnaaagggct gttaccatct ttgtttttaaa ctataaacta taa   103

<210> 123
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<223> n is a, c, g, or t

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cagaaagtga gaggagagta ggcatgtcac anagagagac atgccttcat tctcgggggga   120

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<210> 124
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tagaactttn ngtgacatct ccagtttctg gttacatgat att   103

<210> 125
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gatcagacag agaaaganag agacagagac agacannnag aca   103

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gagaagatca gacagagaaa gagagagaca gagacagaca nanagaatag aga   113

<210> 127
<211> 181
<212> DNA
<213> Homo Sapien

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aaaagaaaat ttcaggccaa tatccctgat aaacattgat gcaaaaatcc tcaataaaat   120

actggcaaac tgaatccagt agcacatcaa aaagctgggg gatccactag ttctagagcg   180

g   181

<210> 128
<211> 150
<212> DNA
<213> Homo Sapien

<400> 128
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gggtcacacc ggccacctag tcagtcctaa cgtcggaacc tggatacctc cattgctggt   120

gctggacccg tcactgtttt ggatattttc   150

<210> 129
<211> 173
<212> DNA
<213> Homo Sapien

<400> 129
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agcacctcca agctcgtaaa tgcttatctc ggtaaccctc agtcatggga caatcaaatt   120

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<210> 130
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tttgtttatt gtgctaatca cgatctgtta ctaaatttga ttgggggatc cactagttct   180

agagcgg   187

<210> 131
<211> 170
<212> DNA
<213> Homo Sapien

<400> 131
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atctctgtct ttggtaccag taccatgctg ttttggttac tgtagccttg tagtatagtt   120

tgaagtcagg tagcatgatg cctccggggg atccactagt tctagagcgg   170

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ttataaatnn nnnnnnnnt gtntgatttg atactccatg taaaactctt cctaatggtc   120

tcggggggatc cactagttct agagcgg   147

<210> 133
<211> 123
<212> DNA
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<400> 133
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gggaggctat ggcaggaaaa tcccttgaac ctgggaggcg gaagttgcag cgagaagaga   120

tca   123

<210> 134
<211> 164
<212> DNA
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<400> 134
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gtgtgaaaat atccaagaga agaatgagga atagtggagt gaaataaaca ggagattagg   120

tagatagaaa ttgactattg ggggatccac tagttctaga gcgg   164

<210> 135
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taanataccc cacttccaat tgtttaaagt gcaaaacaaa ttatatgttt ganagttaag   120

gtggaataaa tgaagattaa atgatatgaa ctactcagaa aacaggtagg gggatccact   180

agttctagag cgg   193

<210> 136
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<212> DNA
<213> Homo Sapien

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cattgattaa atttattgat gcattgtaaa tttgaatcaa tatctattaa tcccaagctg   60

gagtgcagtg gcgccatctc agctcactgc gacctctgcc tcccgggttc aagcaattct   120

catacctcag cctcccgagt agctggaacc acaggcatga gccaccatgc ccggctagtt   180

acagggtttt cctatgctat ccaggctgga gtgcagtggg ggatccacta gtt   233

<210> 137
<211> 194
<212> DNA
<213> Homo Sapien

<400> 137
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tattctgtct agcataatat gaagaaatcc cgtttccaac tgaagacctc aaagaggctg   120

aatatccact tgcagacttt acagagtgtt tcctaactgc tctatgagag ggggatccac   180

tagttctaga gcgg   194

<210> 138
<211> 155
<212> DNA
<213> Homo Sapien

<400> 138
cagcccggaa aatatagggc aaattttttt attttgctgt ttggtgactc caccactttt   60

gcaacagtac ttttggtgcc cattaaccaa attactttga tttctttgtg taaatattat   120

gaagaccaga accttttgag ggggatccac tagtt   155

<210> 139
<211> 200
<212> DNA
<213> Homo Sapien

<400> 139
ctagacaaaa gccccatcac ctggatgaat cagtgcagag ttacgtcaca aagtcctttt   60

aggcagatcc tagacaaggg ttacatcact tggatgatca gtgcagagat atgtcacaat   120

gccactgtag ggtgagccta gaaaagagtt tcatgaccta ggtgatcagt gcagaggggg   180

atccactagt tctagagcgg   200

<210> 140
<211> 169
<212> DNA
<213> Homo Sapien

<400> 140
ctgtgactgt gcctatagaa gaaaaaaaaa atagcgtgta atctcagcac tctgggaggc   60

caaagcaggg gggatcactt gaggccaaga gttcaagacc agcctggcca acaaagcgaa   120

accttctctc tactaaaaat acaaaaatta gccgggcatg gtggcactc   169

<210> 141
<211> 211

<212> DNA
<213> Homo Sapien

<400> 141
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agggccacca gctggtgaat cctgccccac cagctcagag ctcttcccat tcatggagta      60

tatcatagga gactggattt ccaaagctgc atggagcttc attcctgaac tggtcaccct     120

gtgtctagtc ttgtttтctc aatccatcct gctctccagc agcctcaata cttctaaaat     180

tgtccggggg atccactagt tctagaggcg g                                    211
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<210> 142
<211> 195
<212> DNA
<213> Homo Sapien

<400> 142
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cacagacatc ctgtgccacc tcattcactc tcacatgcct ctgaggtgag ggggataaca      60

gcactagtat catttgatac tgatacaaat cggctctaaa tattgtgggg atgctggtgg     120

tgttattgct ggactccatt acacaagttt catgagccag tgaaaatcac tgtgggggat     180

ccactagttc tagag                                                     195
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<210> 143
<211> 199
<212> DNA
<213> Homo Sapien

<400> 143
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cagccctaaa gtataataaa aaaaaatttt ttaaagaatc ttcacaaaag aactctgaaa      60

tgtcagcatg agcagatgat gaagtatcat aggaatccat tttttgctgt atttcttatt     120

taatagagaa agaaatttca tatgctgtaa tatgtttcca attggaaatt aaaatctgat     180

aggggggatc cactagttc                                                 199
```

<210> 144
<211> 178
<212> DNA
<213> Homo Sapien

<400> 144
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cagcccccct gtaacaatat gggctgttct agctgtaatt cacctctgga gccatcagaa      60

tcctcctggt aaaaatggcc ctaatatcaa acacagaggc cactgctagt taaactttat     120

aaatcgaaca agaaatcata tgatataatc agataagagc ctgggggatc cactagtt      178
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<210> 145
<211> 158
<212> DNA
<213> Homo Sapien

<220>

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<222>  (68)..(68)
<223>  n is a, c, g, or t

<220>
<221>  misc_feature
<222>  (74)..(74)
<223>  n is a, c, g, or t

<400>  145
cagccccctg ggctcaagca atctgcccac ctcggcctcc ccaagtgctg ggattacagg      60

tgtgagtnac tgtncccggc cagccttgtc tatttgtcag aaacagggag ttggggcaac     120

cctggtgcca agatatgggg gggatccact agttctag                             158


<210>  146
<211>  184
<212>  DNA
<213>  Homo Sapien

<400>  146
cagcccctgc taaataactt tcgaagttaa gaaagctaat ggtatatcat caggcaccaa      60

taaaactatc ttgagatttg acaatgccaa ctgaaaaatt tcttctgcaa ggcagagcca     120

gttacctttt ataatatcaa tttagattca cacaaagaca ttctcagggg gatccactag     180

ttct                                                                  184


<210>  147
<211>  219
<212>  DNA
<213>  Homo Sapien


<220>
<221>  misc_feature
<222>  (21)..(21)
<223>  n is a, c, g, or t

<220>
<221>  misc_feature
<222>  (32)..(32)
<223>  n is a, c, g, or t

<220>
<221>  misc_feature
<222>  (57)..(57)
<223>  n is a, c, g, or t

<220>
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<222>  (117)..(118)
<223>  n is a, c, g, or t

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cgctgtctcc actcagaaac aattacaaca gtatgtgaag cagtattgaa aacttcnnaa     120
```

```
gctgcacaca gattcattga aaagggcaga agcctcatta atactagagt ctgaggcaca      180

acctatgacc gaacactggg ggggatccac tagttctag                             219
```

<210>   148
<211>   185
<212>   DNA
<213>   Homo Sapien

<400>   148
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ggctaaaaag tactcaggtt tatcaaaaga caagtctgca gaactaagaa gatgacaaaa      120

tccttgtcat agacagaatg tgtgtttccc aaacttcgtg tgttgggggg atccactagt      180

tctag                                                                  185
```

<210>   149
<211>   129
<212>   DNA
<213>   Homo Sapien

<400>   149
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gctccatcca tgaagcacca aatccctcca gcccagtagc aaggagacag aatttttact      120

ctgtctctg                                                              129
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<210>   150
<211>   74
<212>   DNA
<213>   Homo Sapien

<220>
<221>   misc_feature
<222>   (50)..(53)
<223>   n is a, c, g, or t

<400>   150
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tccactagtt catg                                                        74
```

<210>   151
<211>   95
<212>   DNA
<213>   Homo Sapien

<400>   151
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atttgaggaa tgaaagaata gcaagggtga atcgg                                 95
```

<210>   152
<211>   144

```
<212>   DNA
<213>   Homo Sapien

<400>   152
cagccctgca gtatttagtt ttctattcct gagttagttc acttaggaaa atggtctcta      60

gctccatcca tgaagcacca aatccctcca gcccagtagc aaggagacag aatttttact     120

ctgtctctga tgagaagagt gtac                                            144


<210>   153
<211>   138
<212>   DNA
<213>   Homo Sapien

<400>   153
cagccctgat agttacctta ctgttttgct atgaccatac tctacataga gtatttagat      60

taaatggagg aatgagaata tgagattagt ttctcatatt cttgtgatca tgacaggacc     120

tgagattctg cacagatg                                                   138


<210>   154
<211>   139
<212>   DNA
<213>   Homo Sapien

<400>   154
cagccccgct gtttctaaag tcagtgtgtg tgtgtgtgtg tgtgtgtgtg tgtgtgagag      60

agagagagag agagagagcg tatgcatgtg tgtctgcatg tgtgtgtgcg cgcgtacatt     120

tgggagacgg tgtgtaagt                                                  139


<210>   155
<211>   133
<212>   DNA
<213>   Homo Sapien

<400>   155
cagcccggaa aggtaataca agtaagatga ttataaacaa atgctttaaa acagagtcaa      60

tgaaaccagt ctgtttgtga ggcccaaggc tccatatttt acaactcagt ctgtaaggat     120

agctatgtat ctg                                                        133
```